

What is claimed is:

1. A system for generating an executable procedure, comprising:  
a repository including spreadsheet representative data including stored  
data elements determining characteristics of an executable procedure;  
5 an executable application for processing said spreadsheet representative  
data to provide an executable procedure with characteristics determined by said data  
elements and for use in processing data using said data elements; and  
a command processor for initiating execution of said executable procedure  
in response to user command.

2. A system according to claim 1, wherein  
said executable procedure processes data in a database using said data  
elements to provide updated data for storage in said database.

3. A system according to claim 1, wherein  
said executable procedure characteristics determined by said data  
elements comprise at least one of, (a) programming language structural features, (b)  
structure of sub-procedures in said executable procedure and (c) a process performed by a  
sub-procedure in said executable procedure.

4. A system according to claim 1, wherein  
said executable application processes said spreadsheet representative data  
to provide an executable procedure for updating a data item in a database using one of  
said data elements to replace a prior corresponding data element of a predetermined  
25 computation formula.

5. A system according to claim 1, wherein  
said prior corresponding data element of said predetermined computation  
formula comprises at least one of, (a) a factor used as a multiplier in said computation  
30 formula, (b) a constant in said computation formula, (c) a threshold value identifying  
whether said computation formula applies, (d) a threshold value identifying whether a  
portion of said computation formula applies.

6. A system according to claim 1, wherein  
said executable application processes said spreadsheet representative data  
to provide an executable procedure by updating a data item in said database by replacing  
said data item with one of said data elements.

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7. A system according to claim 1, wherein  
said executable application is a Script for generating programming  
language code comprising code in at least one of, (a) C++, (b) Java, (c) HTML, (d) XML  
and(e) SGML.

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8. A system for updating data items in a database, comprising:  
a repository including spreadsheet representative data including stored  
data elements;  
an executable application for processing said spreadsheet representative  
data to provide an executable procedure for updating a data item in a database using one  
of said data elements to replace a prior corresponding data element of a predetermined  
computation formula to provide an updated computation formula; and  
a command processor for initiating execution of said executable procedure  
in response to user command.

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9. A system according to claim 1, wherein  
said execution of said executable procedure re-computes a value of said  
data item using said updated computation formula and updates said data item in said  
database with said re-computed value.

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10. A system for generating an executable procedure, comprising:

a repository including spreadsheet representative data including stored data elements;

an executable application for processing said spreadsheet representative data to provide an executable procedure for updating a data item in a database by

using one of said data elements to replace a prior corresponding data element of a predetermined computation formula to provide an updated computation formula and

re-computing a value of said data item using said updated computation formula; and

a storage processor for updating said data item in said database with said re-computed value.

11. A method for generating an executable procedure, comprising the

activities of:

storing spreadsheet representative data including stored data elements  
determining characteristics of an executable procedure;

processing said spreadsheet representative data to provide an executable procedure with characteristics determined by said data elements and for use in processing data using said data elements; and

initiating execution of said executable procedure in response to user command.

12. A method for updating data items in a database, comprising the

activities:

storing spreadsheet representative data including stored data elements;

processing said spreadsheet representative data to provide an executable procedure for updating a data item in a database using one of said data elements to replace a prior corresponding data element of a predetermined computation formula to provide an updated computation formula; and

initiating execution of said executable procedure in response to user command.

13. A method for updating data items in a database, comprising the activities of:

storing spreadsheet representative data including stored data elements;  
processing said spreadsheet representative data to provide an executable

5 procedure for updating a data item in a database;

using one of said data elements to replace a prior corresponding data  
element of a predetermined computation formula to provide an updated computation  
formula;

10 re-computing a value of said data item using said updated computation  
formula; and

updating said data item in said database with said re-computed value.